

WHAT IS CLAIMED IS:

1. A gas supply unit for supplying gas to two or more fluid control devices, including:

5 a piping block which connects the fluid control devices with each other to constitute a part of the gas supply line; and

a filter block including a filter element, the filter block being connected between the fluid control device and the piping block.

10 2. The gas supply unit according to claim 1, wherein each of the two or more fluid control devices has an inlet port through which the gas flows in, an outlet port through which the supplied gas flows out, and a mounting hole for securing the filter block to each fluid control device, and

the inlet port, the outlet port, and the mounting hole are located in identical positions in every fluid control device.

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3. The gas supply unit according to claim 1, wherein the filter block is capable of being connected in an upside-down state with the fluid control device.

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4. The gas supply unit according to claim 1, wherein the fluid control device to be connected with the filter block is any one of a hand valve, a regulator, a pressure transducer, and a cutoff valve.

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5. A gas supply unit for supplying gas to two or more fluid control devices, including:

a piping block which connects the fluid control devices with each other to constitute a part of the gas supply unit; and

a filter block including a filter element, the filter block being

connected between the fluid control device and the piping block and provided with a passage which provides communication between the fluid control device and the piping block, and the filter element being placed in the passage.

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6. The gas supply unit according to claim 5, wherein each of the two or more fluid control devices has an inlet port through which the gas flow in, an outlet port through which the supplied gas flow out, and a mounting hole for securing the filter block to each fluid control device, and

10 the inlet port, the outlet port, and the mounting hole are located in identical positions in every fluid control device.

15 7. The gas supply unit according to claim 5, wherein the filter block is capable of being connected in an upside-down state with the fluid control device.

8. The gas supply unit according to claim 5, wherein the filter block is formed with a filter chamber in a part of the passage and the filter element is built in the filter chamber.

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9. The gas supply unit according to claim 5, wherein the fluid control device to be connected with the filter block is any one of a hand valve, a regulator, a pressure transducer, and a cutoff valve.